

Amendments to the Specification

Please insert the following paragraphs at page 9, between lines 25 and 26.

Still further, according to another aspect of the present invention, an image processing apparatus includes an image capture unit, a resizing unit, a memory unit, a first conversion unit and a second conversion unit. The image capture unit is adapted to capture an image. The resizing unit is adapted to resize the captured image and output a resized image. The memory unit is adapted to store the resized image. The first conversion unit is adapted to convert the resized image stored in the memory unit into an RGB image. The second conversion unit is adapted to convert the RGB image output from the first conversion unit into a plurality of serial data. The second conversion unit is adapted to convert the RGB image into two or four serial data.

Further, according to another aspect of the present invention, an image processing apparatus includes an image capture unit, a resizing unit, a memory unit, a first conversion unit and a second conversion unit. The image capture unit is adapted to capture an image. The resizing unit is adapted to resize the captured image and output a resized image. The memory unit is adapted to store the resized image. The first conversion unit is adapted to convert the resized image stored in the memory unit into an RGB image. The second conversion unit is adapted to convert the RGB image output from the first conversion unit into a plurality of serial data. The second conversion unit is adapted to

convert the RGB image into dot sequential data before the RGB image is converted into the plurality of serial data.

In yet another aspect of the present invention, an image processing apparatus for processing an inputted image includes a first resizing unit, a memory unit, a second resizing unit, a first conversion unit, a second conversion unit and a third conversion unit. The first resizing unit is adapted to resize the inputted image and output a resized image. The memory unit is adapted to store the resized image. The second resizing unit is adapted to further resize the resized image stored in the memory unit and output a further resized image. The first conversion unit is adapted to convert the further resized image into an RGB image. The second conversion unit is adapted to convert the RGB image into a plurality of serial data. The third conversion unit is adapted to convert the resized image stored in the memory unit into an image for a TV monitor.

Still further, according to yet another aspect of the present invention, an image processing apparatus includes an image capture unit, a resizing unit, a memory unit, a first conversion unit and a second conversion unit. The image capture unit is adapted to capture an image. The resizing unit is adapted to resize the captured image and output a resized image. The memory unit is adapted to store the resized image. The first conversion unit is adapted to convert the resized image stored in the memory unit into an image for a TV monitor. The second conversion unit is adapted to convert the image for the TV monitor output from the first conversion unit into a plurality of serial data. The

second conversion unit is adapted to convert image for the TV monitor into two or four serial data.

Further, according to yet another aspect of the present invention, an image processing apparatus includes an image capture unit, a first resizing unit, a memory unit, a first conversion unit, a second resizing unit and a second conversion unit. The image capture unit is adapted to capture an image. The first resizing unit is adapted to resize the captured image and output a resized image. The memory unit is adapted to store the resized image. The first conversion unit is adapted to convert the resized image stored in the memory unit into an RGB image. The second resizing unit is adapted to resize the RGB image and output the resized RGB image serially. The second conversion unit is adapted to convert the RGB image into dot sequential data before the RGB image is resized by the second resizing unit.

According to a still further aspect of the present invention, an image processing apparatus for processing an inputted image includes a resizing unit, a memory unit, a first conversion unit and a second conversion unit. The resizing unit is adapted to resize the inputted image and output a resized image. The memory unit is adapted to store the resized image. The first conversion unit is adapted to convert the resized image stored in the memory unit into an RGB image. The second conversion unit is adapted to convert the RGB image output from the first conversion unit into a plurality of serial data. The second conversion unit is adapted to convert the RGB image into two or four serial data.

Further, according to yet another aspect of the present invention, an image processing apparatus for processing an inputted image includes a resizing unit, a memory unit, a first conversion unit and a second conversion unit. The resizing unit is adapted to resize the inputted image and output a resized image. The memory unit is adapted to store the resized image. The first conversion unit is adapted to convert the resized image stored in the memory unit into an RGB image. The second conversion unit is adapted to convert the RGB image output from the first conversion unit into a plurality of serial data. The second conversion unit is adapted to convert the RGB image into dot sequential data before the RGB image is converted into the plurality of serial data.

In yet another aspect of the present invention, an image processing apparatus for processing an inputted image includes a resizing unit, a memory unit, a first conversion unit and a second conversion unit. The resizing unit is adapted to resize the inputted image and output a resized image. The memory unit is adapted to store the resized image. The first conversion unit is adapted to convert the resized image stored in the memory unit into an image for a TV monitor. The second conversion unit is adapted to convert the image for the TV monitor output from the first conversion unit into a plurality of serial data. The second conversion unit is adapted to convert the image for the TV monitor into two or four serial data.

Still further, according to another aspect of the present invention, an image processing apparatus for processing an inputted image includes a first resizing unit, a memory unit, a first conversion unit, a second resizing unit and a second conversion unit. The first resizing unit is adapted to resize the inputted image to provide a resized image. The memory unit is adapted to store the resized image. The first conversion unit is adapted to convert the resized image stored in the memory unit into an RGB image. The second resizing unit is adapted to resize the RGB image and output the resized RGB image serially. The second conversion unit is adapted to convert the RGB image into dot sequential data before the RGB image is resized by the second resizing unit.